

# PRX600

S E R I E S



PRX612M

PRX615M

PRX625

PRX635

PRX618S

PRX618S-XLF



# PRX600

S E R I E S

## Self - Powered Loudspeakers

*Compact, Ultra-Lightweight Systems... Performance You Can Trust*

The PRX600 Series represent an evolutionary step in the efficient use of amplifier power, rugged durability and enhanced versatility in a self-powered loudspeaker. Designed from the ground up to perform in the real world of sound reinforcement where challenging audio environments, high ambient noise levels and loud volumes are the norm, the PRX600 Series are built to last a lifetime using our reliable and trustworthy, tour-tested technology. Knowing you can rely on your system to deliver everything you need gives you the freedom to deliver your best. That's performance you can trust. With the PRX600 Series, as always, JBL delivers.





## POWERFUL

Forget about watts, Maximum Sound Pressure Levels are the best indication of the potential in a powered speaker and all PRX600 Series excel in this critical specification. Our ability to maximize the speaker and amplifier performance guarantees ample power, accurate dynamics and sonic purity. We encourage you to turn them up and compare them to any speaker in their class. The PRX600 Series deliver it loud and clear all night long.



## RUGGED

Our 60 years of building speakers has given us unparalleled experience in designing for durability and reliability. In fact, many of the speakers we built over 40 years ago are still in use today. Being in the Tour Sound business has taught us that our customers depend on us to deliver great sound night after night. And because they make their living with our products - when we don't work they don't work. That's a tremendous responsibility! PRX600 were designed and tested to be road tough.



## VERSATILE

Professionally discreet in appearance, the new PRX models are appealing to any musician, entertainer, A/V rental company or commercial facility looking for superior audio performance in a professional yet affordable package. We've included suspension points for light-duty commercial installation and a two position pole mount for convenient stand use. Improving well beyond the previous PRX500 Series, we've also reduced the size and weight making the 600 Series truly portable and ultimately manageable.

## Harman Professional Mission

At Harman Professional we understand and respect that we have a duty to serve our customers and our employees by serving the planet. We accept that responsibility and strive to be energy efficient and environmentally minded in our everyday business. When we design, produce, and deliver our products we look for opportunities to do so more efficiently and sustainably. We're committed to a healthier planet and healthier life for every living thing.

JBL is proud that PRX600's have been certified "Green Edge" compliant by Harman Professional. We've reduced the weight and size from the PRX500 Series and we're using only renewable materials in the packaging. We've not only lowered our Carbon Footprint, but the CF of any one who purchases them.

# Uncompromised Performance

*Speakers that are on a completely different wavelength*

**1 Neodymium Compression Drivers** | High frequencies are handled by our proprietary 1.5" annular polymer diaphragm, neodymium compression driver. The use of a polymer contributes to lower distortion than other similar sized titanium compression drivers. A neodymium motor reduces the weight and size while the discrete design of the phase plug and bullet provide seamless acoustical transition to the waveguide resulting in crystal clear highs and sonic accuracy.

Patent Pending.

**2 Road Tough** | All PRX600 cabinets are built from a combination of 25 mm (on the top and bottom for added rigidity) and 18 mm, strong, light-weight poplar plywood made structurally sound with tongue and groove joints. All PRX600 Series cabinets are protected by JBL's tour proven DuraFlex™ finish. We make our grilles from dent-resistant 16 gauge steel and our handles are made from light-weight glass-filled nylon for added strength and durability. All M10 suspension points are constructed from 14 gauge steel and have been tested with a yield-strength of 1000 lbs. each. It adds up to a seriously rugged package that will withstand the brutality of constant road use.



**3 Differential Drive Transducers** | Extended frequency response, high power output and low distortion are hallmarks of all JBL transducers. Our tour tested, tour proven and patented Differential Drive® technology delivers all this performance in a dramatically lighter package. With the neodymium magnet positioned inside the dual-coil/dual-gap voice coil, heavy steel pole pieces are eliminated. And the heat sink is the chassis itself, further lowering system weight while ensuring consistent, reliable performance.

**4 Intelligence Provided by *CROWN* and *dbx***

The PRX600 Series integrated digital power amplifiers were developed specifically for JBL by Crown®, the most trusted name in professional sound reinforcement amplification for over 45 years. The Class D amplifiers are high power, low distortion and light weight, ensuring faithful audio reproduction while conforming to our strict "maximum-performance to weight ratio" design guidelines. Additionally, we've integrated the award winning dbx® Type IV™ limiter circuit on the inputs to guarantee signal integrity. System performance is further optimized through the use of sophisticated Digital Signal Processing for EQ, crossover, amplifier control, and protection. All of this integrated technology is the Harman family working together to bring you the best in world-class audio technology.

# Four Speakers Two Sub-woofers Endless Configurations



The PRX600 Series is a platform technology that allows you to create the system you need from an intelligent range of models. While each model was designed to excel at a specific application, the PRX Series integrate seamlessly with one another offering a multitude of choices when tailoring a system to fit your specific needs. Whether you need a single speaker on a stand for public address situations, a full-range stereo set up with two top cabinets and a sub-woofer for live performance or DJ applications, or multiple cabinets for a scalable, highly professional sound reinforcement situation, the PRX600 Series offers the solutions. You can even suspend any of the top cabinets for use in a commercial installation or House of Worship.

Versatile. Scalable. Portable. Affordable. The PRX600 system is the intelligent choice.



PRX612M



**System Type:** Self-powered 12", two-way, bass-reflex  
**Maximum SPL Output:** Full Range: 134 dB peak Monitor: 133 dB peak  
**Frequency Range (-10 dB):** Full Range: 50 Hz–19.5 kHz Monitor: 51 Hz–19.5 kHz  
**Frequency Response (±3 dB):** Full Range: 60 Hz–17.5 kHz Monitor: 61 Hz–18.5 kHz  
**Coverage Pattern:** 90° x 50° nominal  
**Amp Design:** Crown® Class D  
**Power Rating:** 1000 W (2 x 500)  
**Dimension (H x W x D):** 592 mm x 353 mm x 340 mm (23.3 in x 13.9 in x 13.4 in)  
**Net Weight:** 15.6 kg (34.5 lb)

PRX615M



**System Type:** Self-powered 15", two-way, bass-reflex  
**Maximum SPL Output:** Full Range: 135 dB peak Monitor: 134 dB peak  
**Frequency Range (-10 dB):** Full Range: 45 Hz–19 kHz Monitor: 48 Hz–20 kHz  
**Frequency Response (±3 dB):** Full Range: 54 Hz–18 kHz Monitor: 60 Hz–18 kHz  
**Coverage Pattern:** 90° x 50° nominal  
**Amp Design:** Crown® Class D  
**Power Rating:** 1000 W (2 x 500)  
**Dimension (H x W x D):** 660 mm x 429 mm x 414 mm (26.0 in x 16.9 in x 16.3 in)  
**Net Weight:** 19.7 kg (43.5 lb)

PRX625



**System Type:** Self-powered dual 15", two-way, bass-reflex  
**Maximum SPL Output:** 139 dB peak  
**Frequency Range (-10 dB):** Flat: 40 Hz–19.5 kHz Boost: 39 Hz–19.5 kHz  
**Frequency Response (±3 dB):** Flat: 55 Hz–17.5 kHz Boost: 50 Hz–18 kHz  
**Coverage Pattern:** 90° x 50° nominal  
**Amp Design:** Crown® Class D  
**Power Rating:** 1500 W (3 x 500)  
**Dimension (H x W x D):** 1,053 mm x 424 mm x 413 mm (41.47 in x 16.71 in x 16.27 in)  
**Net Weight:** 27.2 kg (60 lb)

PRX635



**System Type:** Self-powered 15", three-way, bass-reflex  
**Maximum SPL Output:** 135 dB peak  
**Frequency Range (-10 dB):** Flat: 41 Hz–19 kHz Boost: 40 Hz–19 kHz  
**Frequency Response (±3 dB):** Flat: 53 Hz–18 kHz Boost: 50 Hz–18 kHz  
**Coverage Pattern:** 90° x 50° nominal  
**Amp Design:** Crown® Class D  
**Power Rating:** 1500 W (3 x 500)  
**Dimension (H x W x D):** 921 mm x 424 mm x 413 mm (36.29 in x 16.71 in x 16.27 in)  
**Net Weight:** 27.2 kg (60 lb)

PRX618S



**System Type:** Self-Powered 18", bass-reflex  
**Maximum SPL Output:** 129 dB peak  
**Frequency Range (-10 dB):** 41 Hz–130 Hz  
**Frequency Response (±3 dB):** 50 Hz–100 Hz  
**Polarity:** Normal or reverse polarity  
**Crossover Frequency:** 120 Hz  
**Amp Design:** Crown® Class D  
**Power Rating:** 600 W  
**Dimension (H x W x D):** 685.8 mm x 530.9 mm x 614.7 mm (27.0 in x 20.9 in x 24.2 in)  
**Net Weight:** 32 kg (70.5 lb)

PRX618S-XLF



**System Type:** Self-Powered 18", bass-reflex  
**Maximum SPL Output:** 133 dB peak  
**Frequency Range (-10 dB):** 30 Hz–105 Hz  
**Frequency Response (±3 dB):** 39 Hz–93 Hz  
**Polarity:** Normal or reverse polarity  
**Crossover Frequency:** 90 Hz  
**Amp Design:** Crown® Class D  
**Power Rating:** 1000 W (2 x 500)  
**Dimension (H x W x D):** 685.8 mm x 530.9 mm x 716.3 mm (27.0 in x 20.9 in x 28.2 in)  
**Net Weight:** 37 kg (81.5 lb)